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CENTRAL INTELLIGENCE AGENCY

REPORT NO.

INFORMATION REPORT

CD NO. 25X1A

COUNTRY Germany (Russian Zone)

DATE DISTR. 16 August 195(

25X1A SUBJECT The "Boehlen Combine near Leipzig

NO. OF PAGES 4

NO. OF ENCLS. (LISTED BELOW) 2 Annexes 1* Enclosure (4 diagrams)

SUPPLEMENT TO REPORT NO. 25X1X

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1. The Boehlen (N 52/- 40) Combine is subordinate to the Toplivo Soviet Corporation. Andreyev (Soviet) is the manager of the Toplivo in Leipzig (N 52/- 21). His office is in the western part of the Boehlen Gasoline Plant. The Boehlen Combine consists of:

a. Power station;

b. So-called "Combine" consisting of

(1) Mine (open pit)

(2) Briquette factory

(3) Low-temperature carbonizing plant

(4) Gasoline plant

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JOB 53-103
BOX 71-89

2. Power station:

a. Work force and management:

The work force numbers 1,500 men.
German manager: Dr. Boje
Soviet general manager: Breus (until 31 October 1949)
Kurachev (since 1 November 1949)

Department chiefs:

Technical management: Graduated engineer Roehnick
Deputy engineer: Sopora
Safety department: engineer Kirchner

Secretary: Kirchner

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Department for standardization and organization of work: Konte

personnel department: Buchmann

Dust production department: engineer Neubert

Steam generation department: engineer Sobora

power generation department: Nietsche

power distribution department: Delling

Technical department: Selle

department for new installations: chief engineer Facius
deputy: Kolb

Main accounting office: Chief accountant Bojac

Economic department: Dr. Klinke

Cultural and social welfare department: Hedicke.

b. Production installations: (see attached ... Annexes 3 through 6)

(1) power generation: (see Annex 3)

(a) Machines No 1,2 and 3 (superheated steam turbines with generators) are operated for plant requirements

(b) Machines No 4,5,6,7,8,9,10 and 11

Machine No 10 is not in operation due to an explosion in May 1949.

(2) Steam generation:

Boiler house I (see attached Annex 3)

In this boiler house are boilers No 2,3,4,5,6,7,8,19,and 20. The fuel is crushed crude brown coal with gas additions.

Boiler house II (see attached Annex 3)

In this house are boilers No 9,11,13,15,17, 10,12,14,16 and 18. The fuel is coal dust with gas addition.

The generation of live steam for the various machines is shown in the Annex 4 (diagram of the live steam piping)

(3) The dust production is done in the coal-pulverizing mill outside the power station in the area of the so-called Jo Bine (see Annex 6). The brown coal coke coming from the

low-temperature carbonizing plant is crushed to coal dust in eight mills and blown into the bunkers of the power station which are above the boilers in the boiler house II. Seven coal dust pipes lead to the bunkers. They are operated with compressed air.

The dust production in July and August 1949 was 67,350 tons and 69,781 tons.

3. The so-called "Combine:

The work force numbers 9,000 men
German manager: Lamon
Soviet general manager: Akzarov

production:

Brown coal briquettess are produced from crude brown coal. Monthly production: 85,000 tons. About 300 tons of this amount are carbonized hourly at low temperatures in the low-temperature carbonizing plants I and II. (see Annex 3). The following by-products are recovered: sulphur, tar and lacquer.

The plant guard of the combine numbers 300 men armed with rifles, model 98, and pistols, model 08. The plant guard is subordinate to the people's police and wear the same type uniform. The gasoline plant has its own guard.

4. A daily production of 260,000 gallons of gasoline was reported for the beginning of September 1949. Fifty percent of this output was aviation gasoline for the Soviet Air Force, 35 percent was used for Soviet requirements in Poland and the remaining 15 percent for German civilian needs in the Soviet Zone of Germany.

25X1A [redacted] comment:

a. Only part of the layout sketches of Annex 5 could be supplied. Although incomplete this partial diagram is forwarded because it shows important installations of the plant.

b. The work force of the Boehlen Combine was indicated at 5,000 to 7,000 in a previous report. According to para 3 of this report the work force has increased to 9,000.

c. The daily production of 260,000 gallons of gasoline indicated in para 4 would correspond to an annual production of about 240,000 tons of which 50 percent, i.e. 120,000 tons, would allegedly be aviation gasoline. These indications are not correct as the total annual capacity of the plant approximates 240,000 tons of primary products of which only about 160,000 tons may be final products. The respective annual production share of aviation gasoline is reportedly about 60,000 tons.

d. The peacetime capacity of the power plant was 230,000 kws. The capacity declined to 90,000 kws due to war damages and dismantlings.

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e. The abbreviations, such as [illegible], EM, ET kV, used in the annexes 1 and 2 refer to plant departments, the full designation of which is not yet known. The information on expansion projects clearly indicate a considerable shortage of cement, screws, angle iron, flat iron etc. still in September 1949. This shortage will be relieved by using western DM funds to be provided with the assistance of the Soviet management of this Soviet Corporation and by appropriate measures of the German economic Commission in Berlin.

6 annexes:

(1) Excerpt from Circular of the Boehlen Power plant

(2) Excerpt from note on a meeting held in the power station on 9 September 1949

(3) Layout plan of the power plant, scale 1:1,000; draft number HTK 5.1.21.86 dated 30 January 1939; last correction made on 25 March 1949.

(4) Diagram of the live steam piping system of the Saechsische Werke AKW Boehlen Corporation, office TK-K; draft number 368, substitute for draft number 246a, dated 15 March 1946.

(5) (not complete). Generator switchgears III, machine house, underground bunker, ash clarifying plant, coal recovery department, surface bunker, club house, sifting shop, drying houses I, II, and III, transformer station, grinding shop, office of the operational manager, cooling house, transformer station, low-temperature carbonizing plant I and II, coke-aging department, crushing plant, tar-processing department, loading station, pressing department, workshop and grinding shop, briquettes stock yard. This diagram was without designation or any indication of number, department, date etc.

(6) Diagram of the coal dust conveying bridge, scale 1:250, draft No HTK 5.1.15/75 dated 16 June 1949.

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* [redacted]

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Excerpt from a Circular to all Plant Departments of the Boehlen Power Plant

Boehlen, 6 January 1949

KFB Kr/Nei

Re: Directives on the 1949 building plan.

The plan is divided into :

1. Reconstruction projects accounting No 15, expenditure position No 597
2. New building projects accounting No 104, " No 598
3. Large-scale repair projects " No 134, " No 599

The building plans have to be established by ET.

The department KF is responsible for accounting and supervising the proposed building funds. ET has to report on the realization plans.

After the proposed building funds have been approved by the Soviet general management the individual building projects will be given accounting numbers by the accounting office(FBA). Copies of the proposed building funds will then be forwarded to the different departments which will work out estimates for the individual objects. These estimates must be submitted to ET. Four copies of these estimates will be made which will be distributed to the Soviet general management, the ET department, the KF department and one kept in the files of the respective department.

As previously done, the accounting office will make up a file for each building project or accounting number which will contain the following records:

1. estimate of costs
2. copies of orders
3. record of expenditures
4. record of funds
5. notes regarding investigation and confirmation.

After each monthly return these files will be handed for several days to the respective departments for perusal and information. Receipts on allocated materials are registered in the record of expenditures and are kept in the accounting office (FBA). They may be inspected at any time just as other voucher copies.

If approved funds do not suffice for any project the respective department has to submit a supplementary request through the ET to the Soviet general management. KF has to be informed of this request. The operational manager and the manager of building operations are responsible for the scheduled use of proposed and approved funds. Expenditures for capital work may under no circumstances be charged to the plant account.

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ET is responsible for the realization of the capital work and capital repairs as well as for the planned use of funds.

Summary:

ET will draw up the building plans. The estimates of the plant departments will therefore be submitted to ET. ET is responsible for the realization of the projects and for the planned use of the funds.

KF will give the accounting numbers. It will also register the expenditures and supervise the funds.

ET
signed Fazius

KF
signed Schelzig

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Excerpt from a note kept on file

Re: Meeting held in the power plant on Friday, 9 September 1949

EE:

While unscrewing a flue dust funnel an explosion occurred this morning at boiler No 18 which had not been in operation since yesterday at 3 p.m. Three workmen suffered burns and were sent to a hospital.

The boiler department, at present operating 10 boilers, will have to do with only nine boilers until next week which will lower the steam output by 100 tons. Boiler No 19 will need general overhauling and two boilers will be taken off, either for cleaning or small repairs.

EM:

The shut-off of the steam main No 1 to machine No 11 requested by the boiler department will be done on Monday. Mr. Voigt refers to the inconveniences which occurred during the last repair on the steam main. He requests the operational managers to previously fix the work schedule for urgent and complicated repairwork.

Dr. Boie requests a speed-up of repairwork on the variable voltage transformer No 1 so that operation can be resumed as desired by general manager Breus and by the Gasoline Plant. A wiring diagram has to be made for future commutations. Written approval must be given previously by general manager Breus.

ET:

Preparatory work on machine No 10 has progressed. Foundations and anchoring screws can be made ready for installation. The inductor for generator No 10 has arrived from Berlin.

According to information of Mr. Mitzsche there is only a stock of about 4 tons of good vacuum oil. The oil supply problem has to be settled. As Russian oil is better suited for machine No 10 according to previous experience Dr. Klimke suggests asking general manager Breus whether we can expect Soviet oil supplies by the end of this year. If this is not possible we will have to procure vacuum oil. The combustion chamber pipes are being installed in boiler No 4. There is a shortage of screws, angle iron, flat iron as well as of shafts for the mills.

KV:

Dr. Klimke emphasizes that we again have to overcome elementary difficulties as the past two years. The main administration has allocated 200 tons of cement to all three plants for September. Our allocation was cut to 40 tons after the building department reported that we have about 90 tons of cement in stock. Dr. Klimke maintains that it is impossible to assure the supply of 500 tons of cement requested by the building department by the end of this year. The building department must first re-examine how much cement will be needed until the end of this

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year. Mr. Neubert also referred to the necessary allocation of cement for the turbo-compressor fundaments.

Dr. Alinke describes the difficulties in the procurement of Western D-M. He suggests contacting General Manager Dreus at once to bring about an increased assistance of the Soviet management. A delegation should be sent to the German Economic Commission in Berlin during the next week to report our problems to Messr. Bergholz, Herber and Klau. The German Economic Commission must, by all means, be interested in our building project on a wider scale. Mr. Voigt will attempt to get Mr. Selbmann to the proposed meeting.

Dr. Alinke will send a teletype letter on this subject to the German Economic Commission today and ask for the date of the meeting. Mr. Gruenert will send a teletype letter to the party chairman.

According to information of Mr. Buchmann, uniform identification cards will be issued to the employees of the power plant upon order of the Soviet General Management, probably by 1 October. These identification cards will have a different color cross-line for each department. Identification cards of employees working in several departments will have an additional vertical line.